

-13-04 Express Mail No. ED255563275US

Attorney Docket No.: AM-2044.C2

NITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Tony Chiang et al.

§ GROUP ART UNIT: 2812

SERIAL NO.: 10/796,602

§ EXAMINER: A. G. Ghyka

FILED: March 8, 2004

FOR: METHOD OF PREVENTING DIFFUSION OF

COPPER THROUGH A TANTALUM-COMPRISING

BARRIER LAYER

§ Attorney Docket No.: AM-2044.C2

Date: October 12, 2004

AMENDMENT "B" UNDER 37 CFR § 1.111 AND TERMINAL DISCLAIMER UNDER 37 CFR § 1.321(c) TRANSMITTAL LETTER

Hon. Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith is applicant's Amendment "B" in response to the Office Action mailed September 10, 2004, in the subject patent application, having a shortened statutory period for response of December 10, 2004. Also enclosed herewith is a Terminal Disclaimer under 37 CFR § 1.321(c).

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. ED255563275US in an envelope addressed to: Mail Stop Amendment (With Fee), Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: October 12, 2004

Shirley L/Church, Reg. No. 31,858

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER <u>AMENDMENT</u>		HIGHEST NO. PREVIOUSLY PAID FOR		PRESENT <u>EXTRA</u>	RATE	ADDITIONAL <u>FEE</u>
TOTAL CLAIMS	4	minus	20	=	0 >	\$18.00	\$00.00
INDEPENDENT CLAIMS	1	minus	3	=	0 >	\$88.00	\$00.00
MULTIPLE DEPENDENT CLAIMS			0			\$300.00	\$00.00
TERMINAL DISCLAIMER FEE							\$110.00
					TOTA	\$110.00	

The Commissioner is hereby authorized to charge the amount of \$ 110.00, in payment of the fee under 37 CFR § 1.20(d) for submission of a Terminal Disclaimer under 37 CFR § 1.321(c), as well as any additional fees which may be due, to Deposit Account 50-1074 of Applied Materials, Inc., Santa Clara, California.

This transmittal letter is submitted in duplicate for accounting purposes.

Respectfully Submitted,

Robert W. Mulcahy Registration No. 25, 326

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